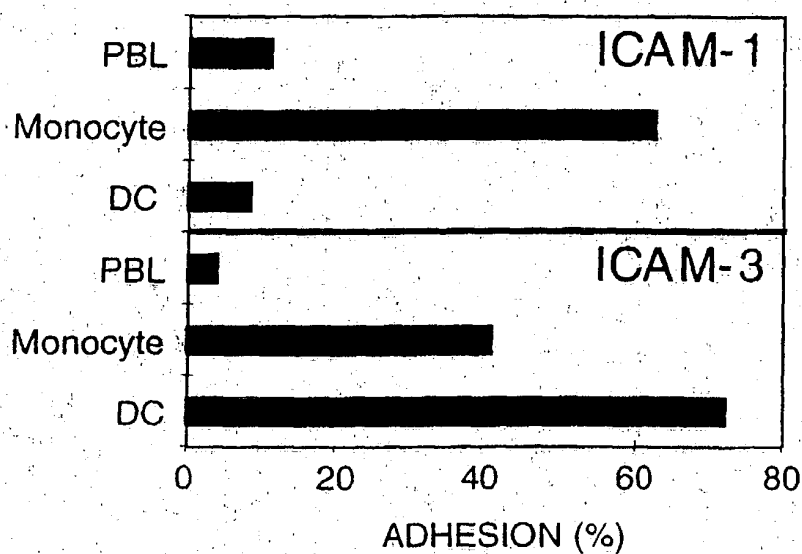
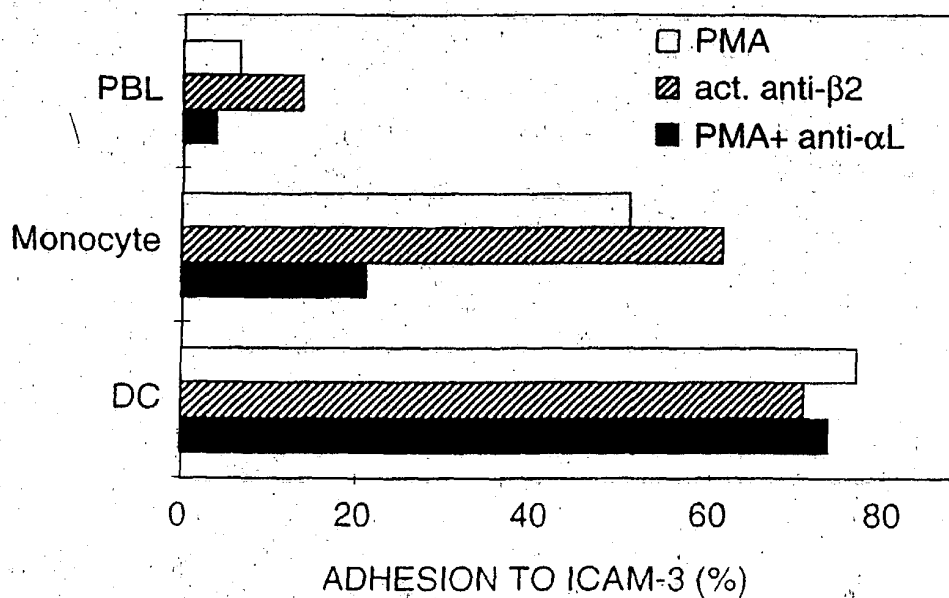
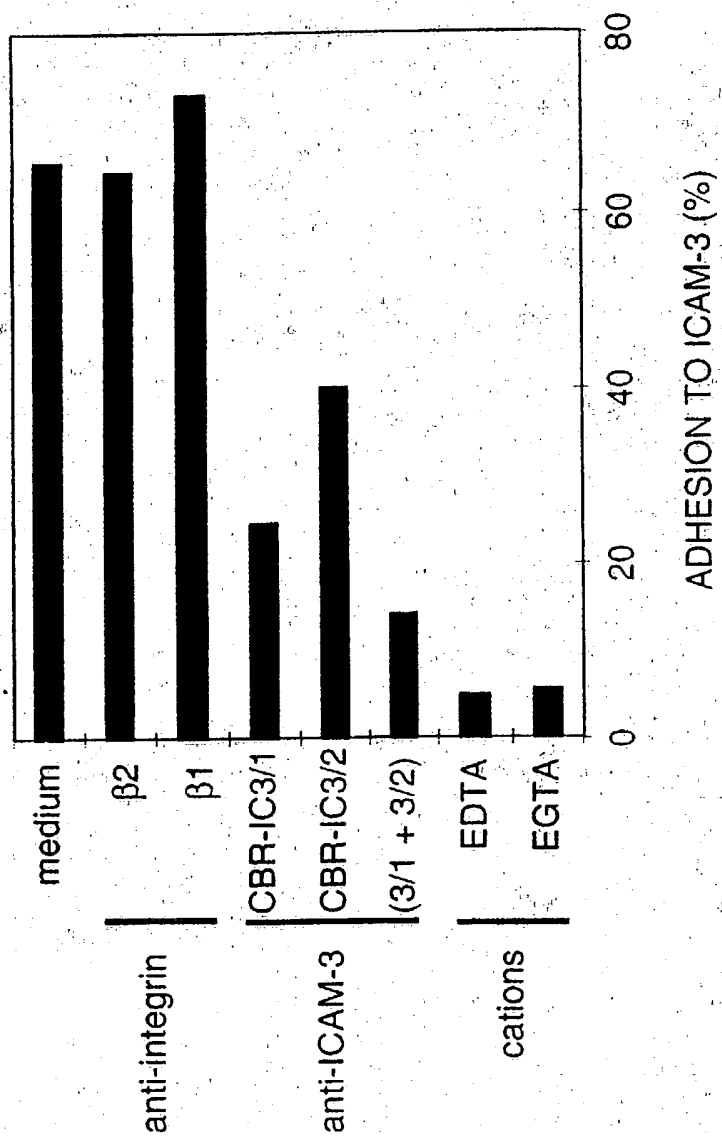


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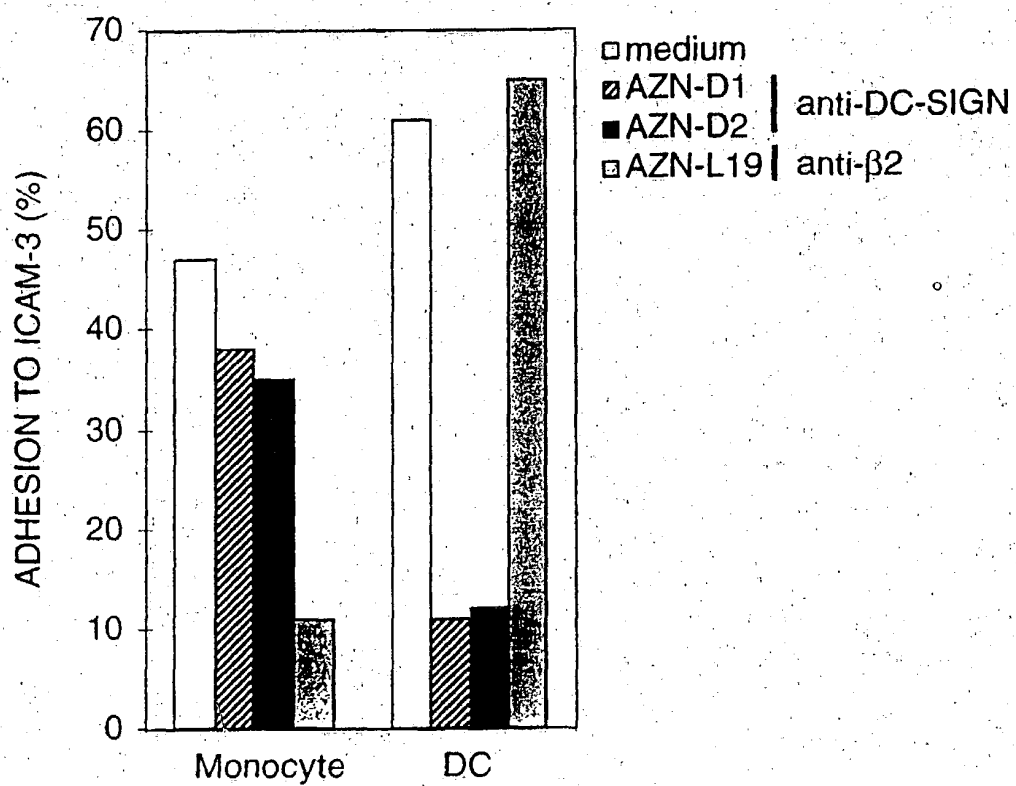
Fig 1a*Fig 1b*

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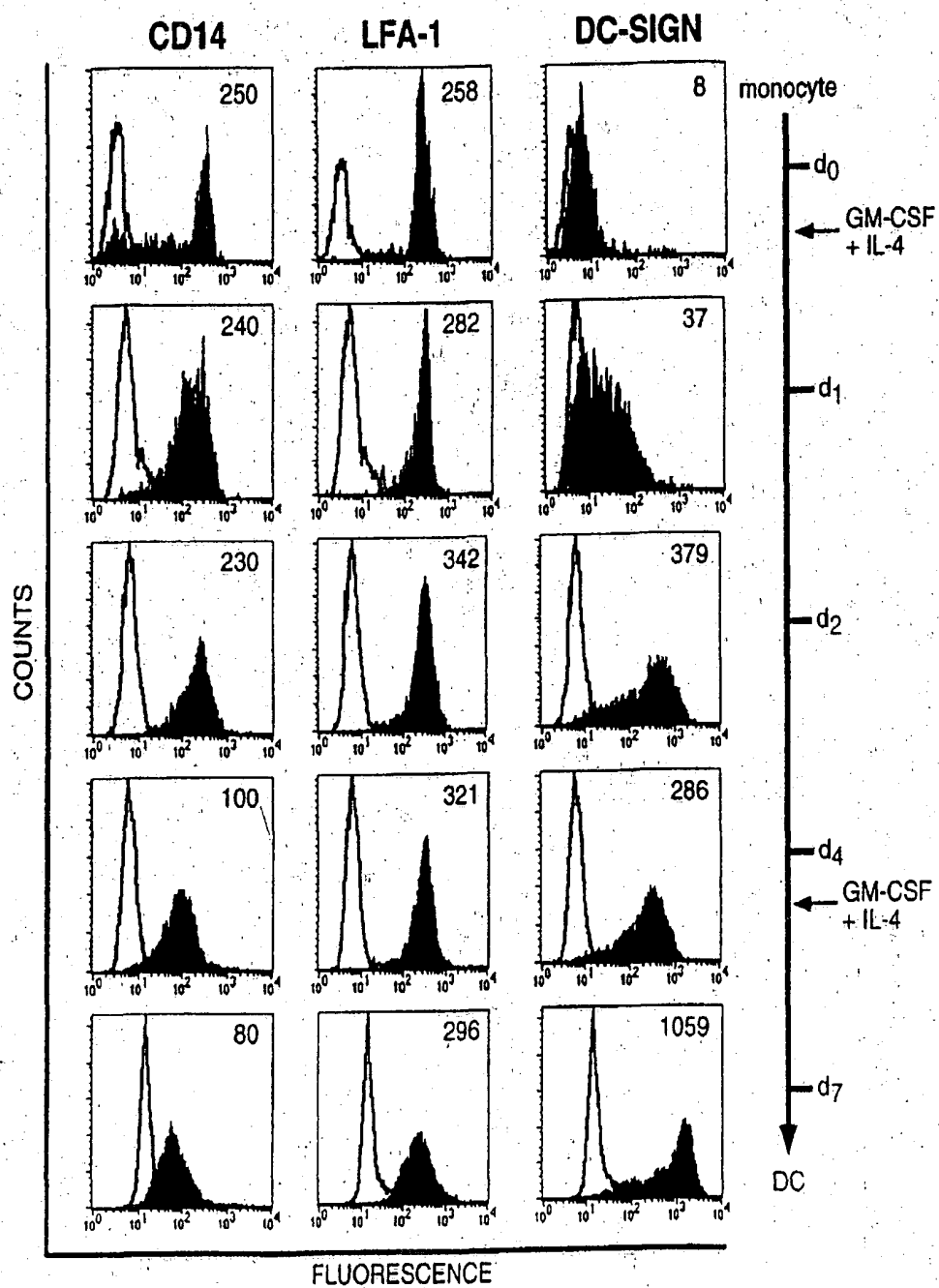
Fig 1c



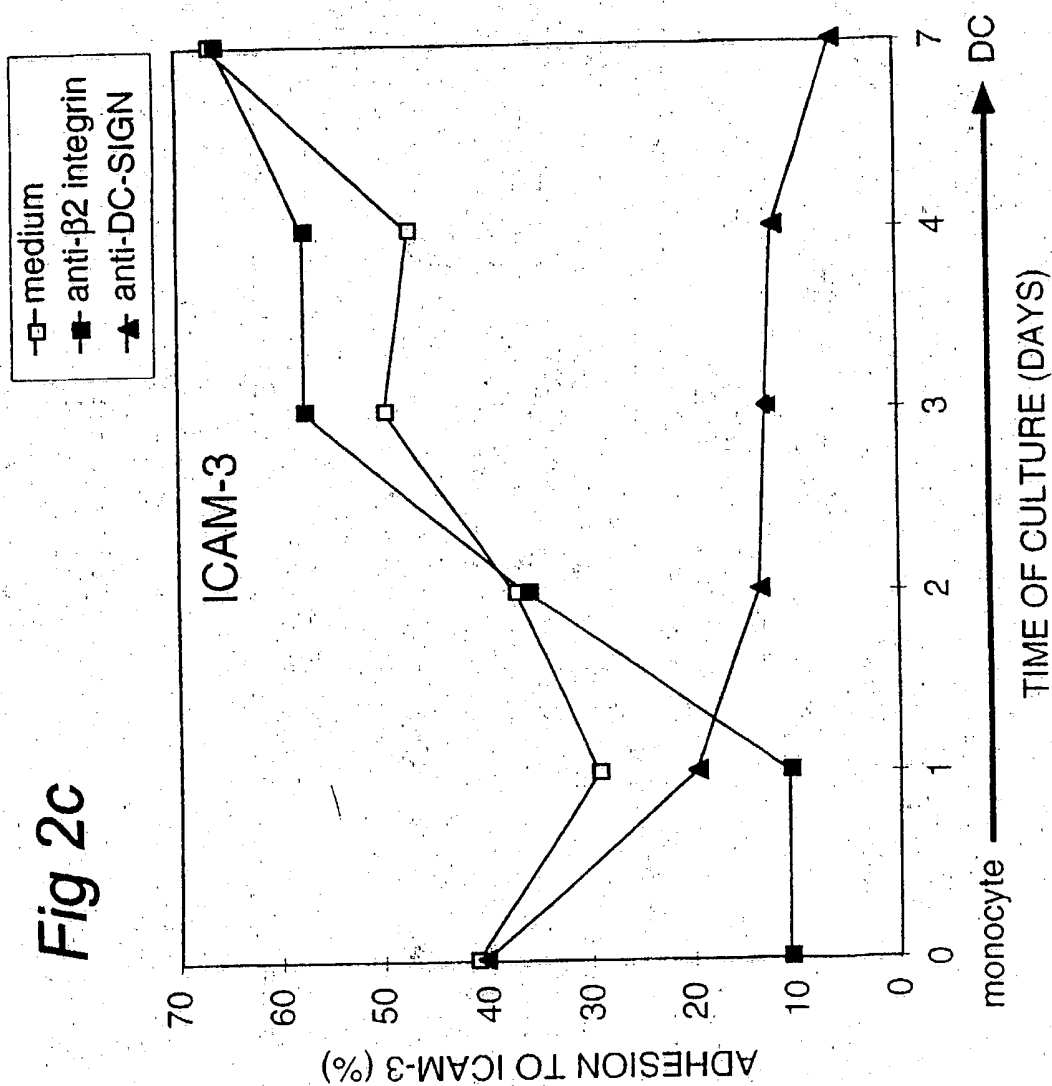
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Fig 2a

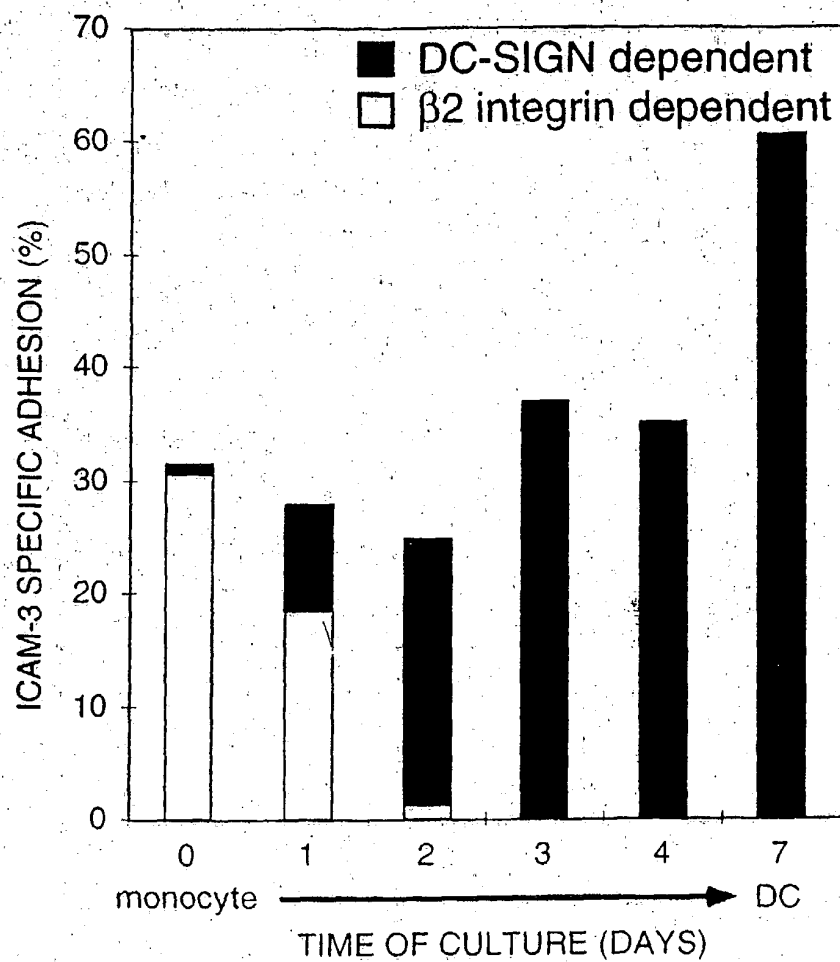
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Fig 2b

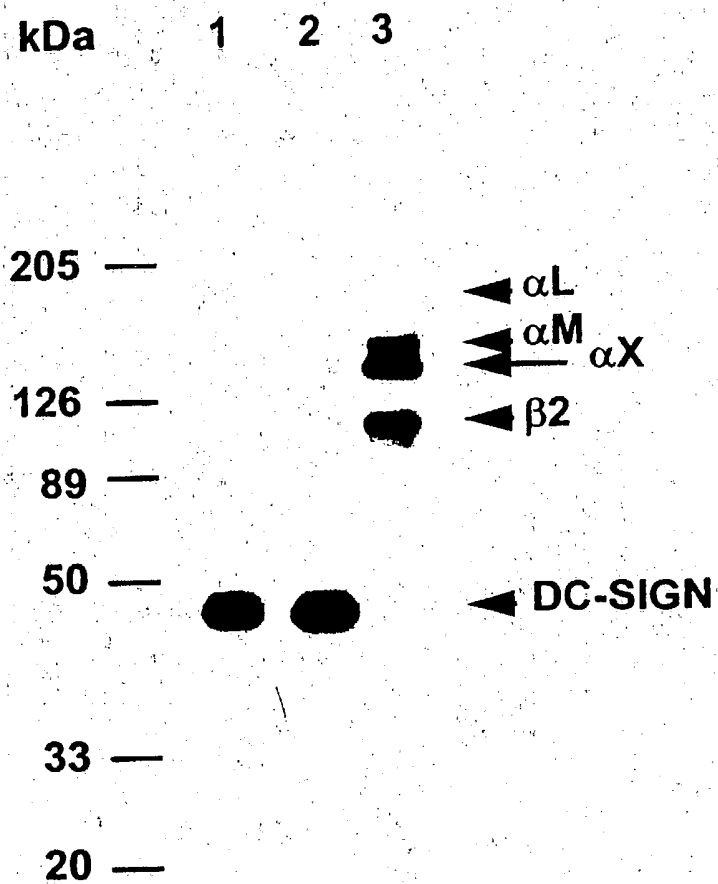
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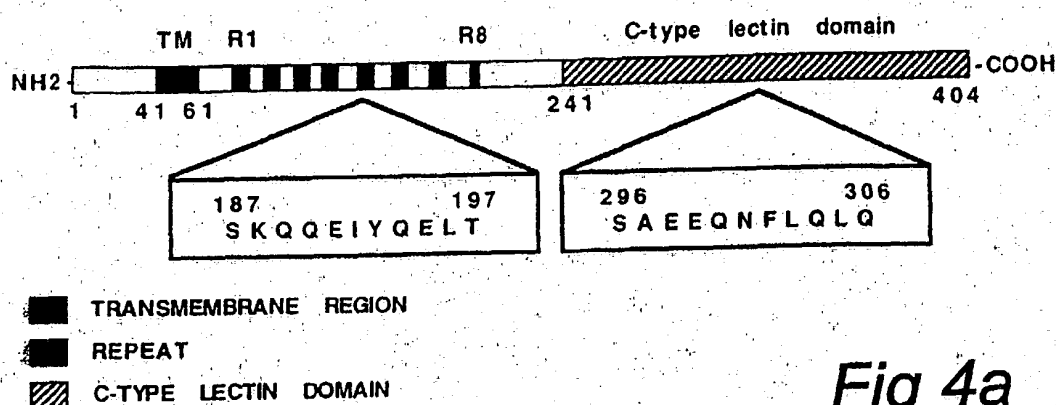
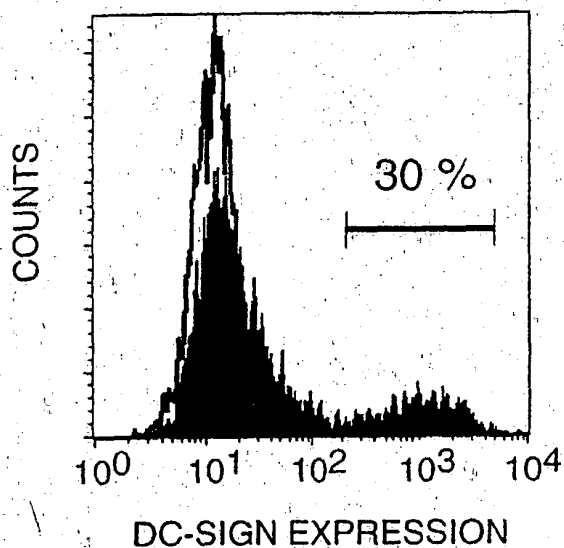
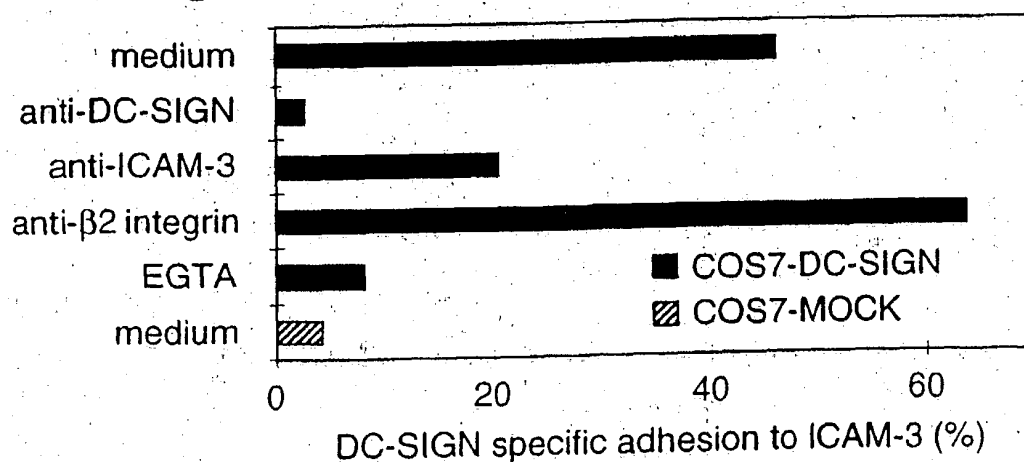
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Fig 2d

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Fig 3a

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Fig 3b*Fig 4a**Fig 4b*

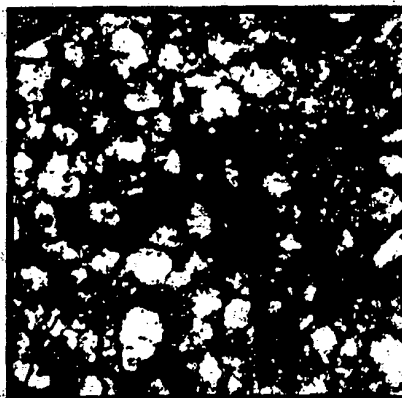
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Fig 5

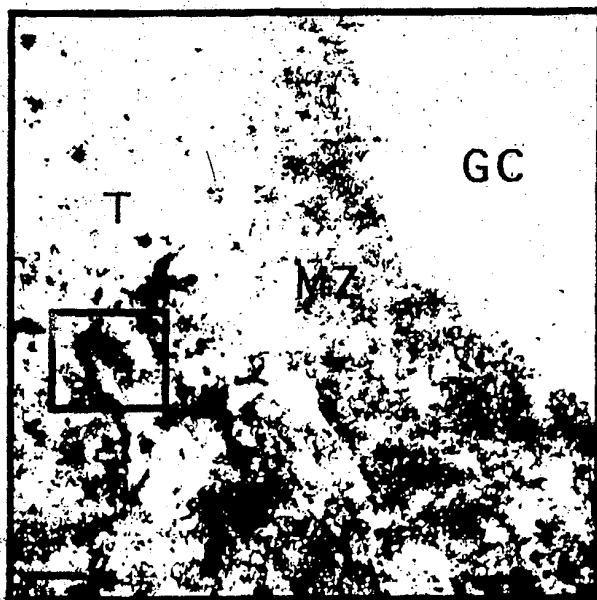
A



B



C



D

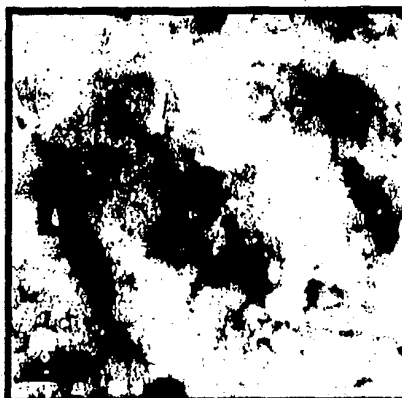
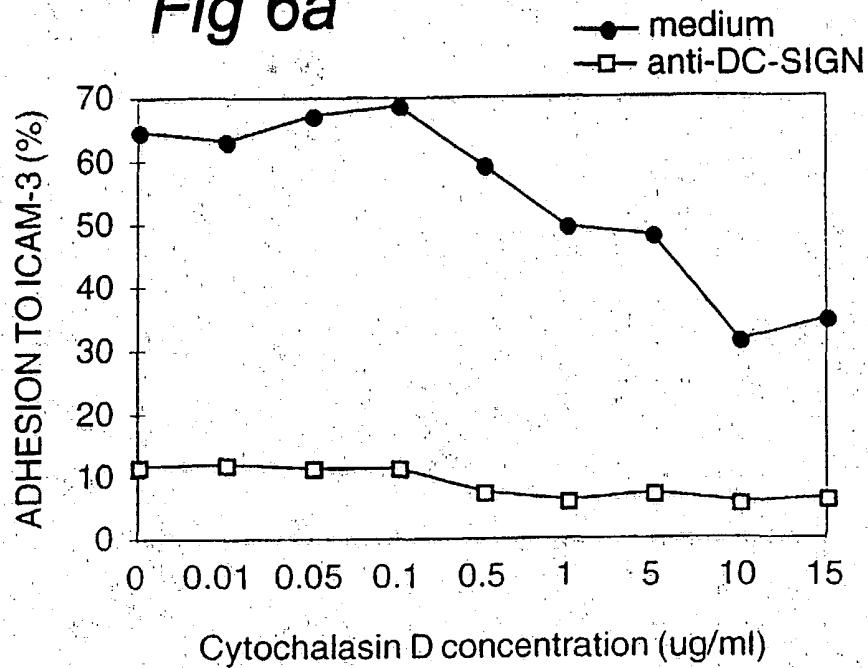
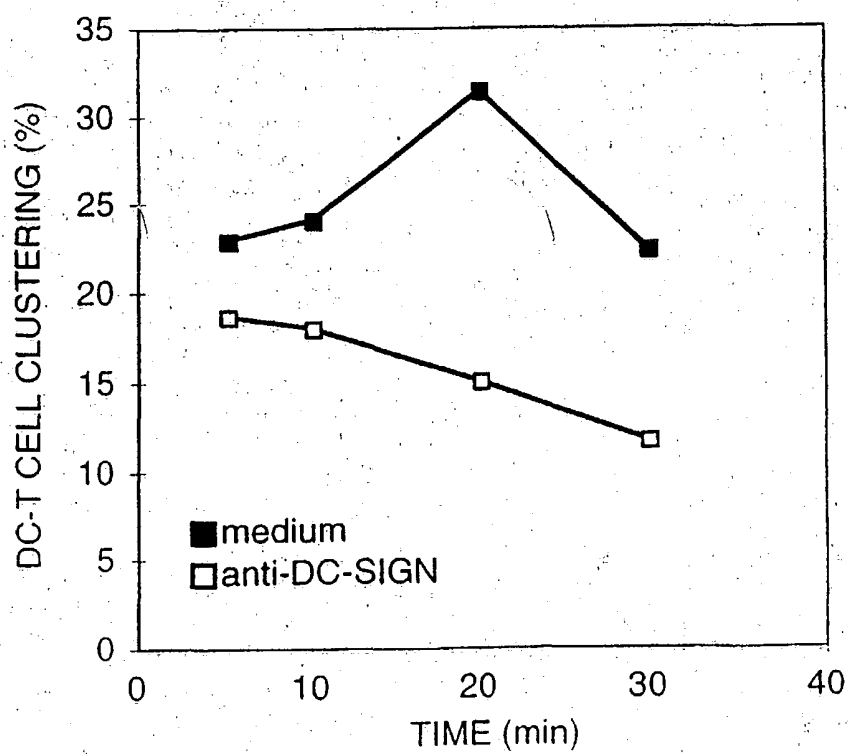
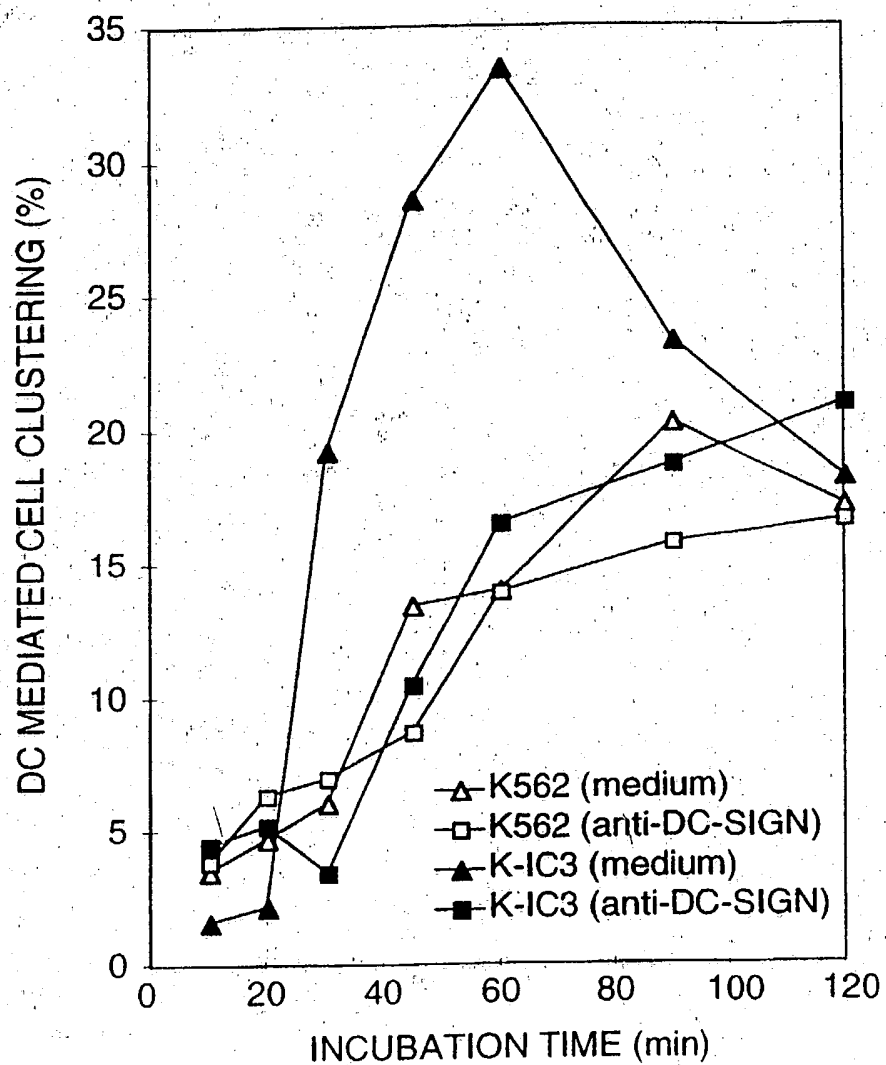


Fig 6a

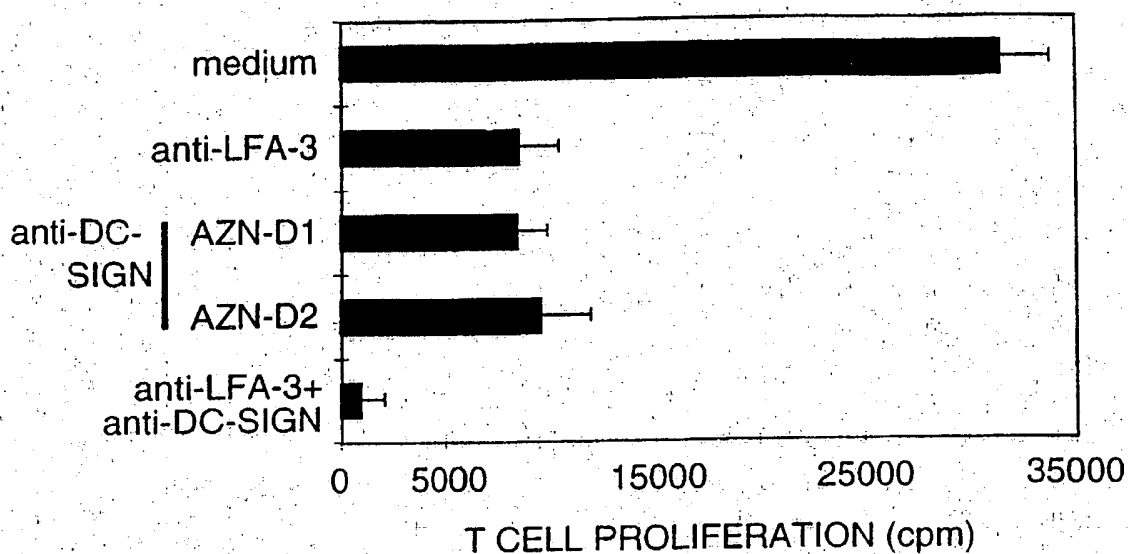
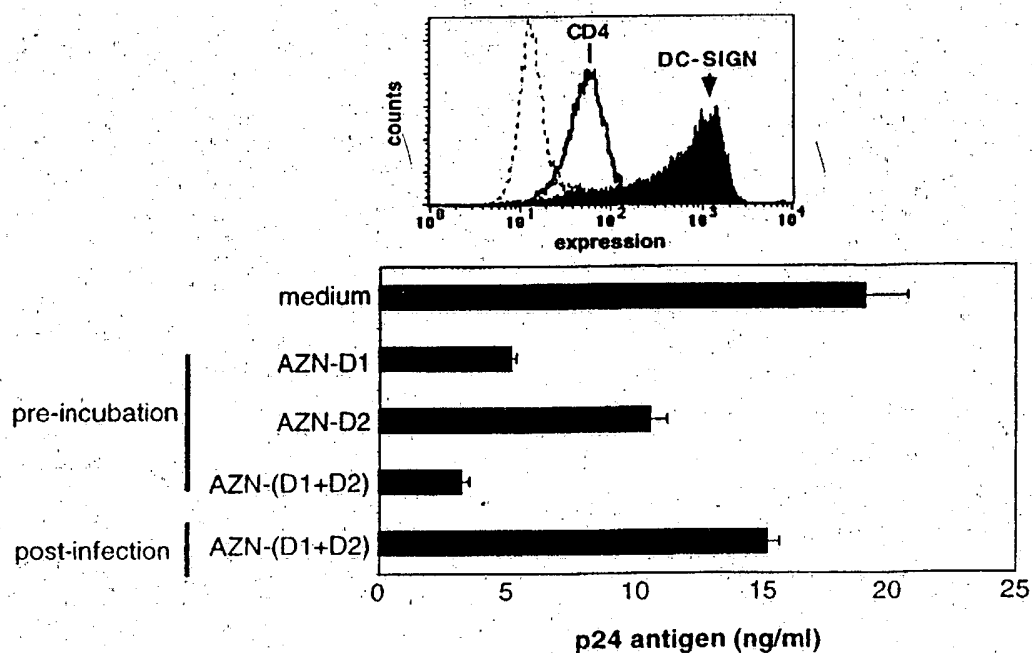
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**Fig 6c**

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Fig 6b

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Fig 6d*Fig 7*

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Fig 9

1/1
 ATG AGT GAC TCC AAG GAA CCA AGA CTG CAG CAG CTG GGC CTC CTG GAG GAG GAA CAG CTG
 Met ser asp ser lys glu pro arg leu gln gln leu gly leu leu glu glu glu gln leu
 61/21
 AGA GGC CTT GGA TTC CGA CAG ACT CGA GGA TAC AAG AGC TTA GCA GGG TGT CTT GGC CAT
 arg gly leu gly phe arg gln thr arg gly tyr lys ser leu ala gly cys leu gly his
 121/41
 GGT CCC CTG GTG CTG CAA CTC CTC TCC TTC ACG CTC TTG GCT GGG CTC CTT GTC CAA GTG
 gly pro leu val leu gln leu leu ser phe thr leu leu ala gly leu leu val gln val
 181/61
 TCC AAG GTC CCC AGC TCC ATA AGT CAG GAA CAA TCC AGG CAA GAC GCG ATC TAC CAG AAC
 ser lys val pro ser ser ile ser gln glu gln ser arg gln asp ala ile tyr gln asn
 241/81
 CTG ACC CAG CTT AAA GCT GCA GTG GGT GAG CTC TCA GAG AAA TCC AAG CTG CAG GAG ATC
 leu thr gln leu lys ala ala val gly glu leu ser glu lys ser lys leu gln glu ile
 301/101
 TAC CAG GAG CTG ACC CAG CTG AAG GCT GCA GTG GGT GAG CTT CCA GAG AAA TCT AAG CTG
 tyr gln glu leu thr gln leu lys ala ala val gly glu leu pro glu lys ser lys leu
 361/121
 CAG GAG ATC TAC CAG GAG CTG ACC CGG CTG AAG GCT GCA GTG GGT GAG CTT CCA GAG AAA
 gln glu ile tyr gln glu leu thr arg leu lys ala ala val gly glu leu pro glu lys
 421/141
 TCT AAG CTG CAG GAG ATC TAC CAG GAG CTG ACC TGG CTG AAG GCT GCA GTG GGT GAG CTT
 ser lys leu gln glu ile tyr gln glu leu thr trp leu lys ala ala val gly glu leu
 481/161
 CCA GAG AAA TCT AAG ATG CAG GAG ATC TAC CAG GAG CTG ACT CGG CTG AAG GCT GCA GTG
 pro glu lys ser lys met gln glu ile tyr gln glu leu thr arg leu lys ala ala val
 541/181
 GGT GAG CTT CCA GAG AAA TCT AAG CAG CAG GAG ATC TAC CAG GAG CTG ACC CGG CTG AAG
 gly glu leu pro glu lys ser lys gln gln glu ile tyr gln glu leu thr arg leu lys
 601/201
 GCT GCA GTG GGT GAG CTT CCA GAG AAA TCT AAG CAG CAG GAG ATC TAC CAG GAG CTG ACC
 ala ala val gly glu leu pro glu lys ser lys gln gln glu ile tyr gln glu leu thr
 661/221
 CGG CTG AAG GCT GCA GTG GGT GAG CTT CCA GAG AAA TCT AAG CAG CAG GAG ATC TAC CAG
 arg leu lys ala ala val gly glu leu pro glu lys ser lys gln gln glu ile tyr gln
 721/241
 GAG CTG ACC CAG CTG AAG GCT GCA GTG GAA CGC CTG TGC CAC CCC TGT CCC TGG GAA TGG
 glu leu thr gln leu lys ala ala val glu arg leu cys his pro cys pro trp glu trp
 781/261
 ACA TTC TTC CAA GGA AAC TGT TAC TTC ATG TCT AAC TCC CAG CGG AAC TGG CAC GAC TCC
 thr phe phe gln gly asn cys tyr phe met ser asn ser gln arg asn trp his asp ser
 841/281
 ATC ACC GCC TGC AAA GAA GTG GGG GCC CAG CTC GTC GTA ATC AAA AGT GCT GAG GAG CAG
 ile thr ala cys lys glu val gly ala gln leu val val ile lys ser ala glu glu gln
 901/301
 AAC TTC CTA CAG CTG CAG TCT TCC AGA AGT AAC CGC TTC ACC TGG ATG GGA CTT TCA GAT
 asn phe leu gln leu gln ser ser arg ser asn arg phe thr trp met gly leu ser asp
 961/321
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 leu asn gln glu gly thr trp gln trp val asp gly ser pro leu leu pro ser phe lys
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 gln tyr trp asn arg gly glu pro asn asn val gly glu glu asp cys ala glu phe ser
 1081/361
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 gly asn gly trp asn asp asp lys cys asn leu ala lys phe trp ile cys lys lys ser
 1141/381
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 1201/401
 CCC CCT CCT GCG TAG
 pro pro pro ala END